

San Joaquin Valley Unified Air Pollution Control District

PERMIT UNIT: C-904-16-1

EXPIRATION DATE:

11/30/2002

EQUIPMENT DESCRIPTION:

K-11: 2,050 HP CLARK HBAT I.C. ENGINE, SN 30256, NATURAL GAS DRIVEN, SERVING PIPELINE COMPRESSORS.

Permit Unit Requirements

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emission of air contaminants into the atmosphere. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit
2. Permittee shall record total engine fuel usage, individual engine operating hours and maintain all records of required monitoring data and support information. Records shall be retained for at least five years and provided to the District upon request. [District Rule 4102]
3. Particulate matter emission from IC engine shall not be in excess of 0.1 grain per cubic foot of gas at dry standard conditions. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit
4. Discharge of sulfur compounds from IC engine shall not exceed in concentration at the point of discharge 0.2 percent by volume calculated as sulfur dioxide (SO₂), on a dry basis averaged over 15 consecutive minutes. [District Rule 4801, 3.1] Federally Enforceable Through Title V Permit
5. The IC engine shall be fired only on PUC quality natural gas with a sulfur content of less than or equal to 0.017% by weight. [District Rule 4801, 3.1] Federally Enforceable Through Title V Permit
6. If the engine is not fired on PUC-regulated natural gas, then the sulfur content of the natural gas being fired in the IC engine shall be determined using ASTM method D 1072-80, D 3031-81, D 4084-82 or D 3246-81. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
7. If the engine is not fired on PUC-regulated natural gas, the sulfur content of each fuel source shall be tested weekly except that if compliance with the fuel sulfur content limit has been demonstrated for 8 consecutive weeks for a fuel source, then the testing frequency shall be quarterly. If a test shows noncompliance with the sulfur content requirement, the source must return to

weekly testing until eight consecutive weeks show compliance. [District Rule 2520, 9. 4.2] Federally Enforceable Through Title V Permit

8. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Kings County Rule 404, District Rule 4801 and Kings County Rule 407. A permit shield is granted from these requirements. [District Rule 2520, 13.2] Federally Enforceable Through Title V Permit